

In the Specification:

Please substitute the following paragraphs for the corresponding paragraphs beginning at the indicated location in the specification as originally filed.

Page 12, line 2+:

"Sensory feedback" as mentioned in the present invention refers to any sensory information that is[[,]] or is processible into information that is[[,]] recognizable by a non-biological CPG. Sensory feedback may be from a mechanical source (such as a mechanical limb, camera or other artificial vision, artificial audition, artificial muscle sensors, etc.) or a biological system (such as neural signals from muscles, neural signals from brain regions, etc.). In a preferred embodiment of the present invention, sensory feedback from multiple sources is provided to a non-biological CPG.

Page 16, line 6+:

By way of a non-limiting example, a non-biological CPG according to the present invention may be programmed to recognize in sensory feedback from a visual sensor, a certain pattern as a hole, to treat the hole as a certain sensory trigger, and therefore to adjust the waveform in progress according to a certain pre-determined rule or set of pre-determined rules.